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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND  
ENVIRONMENTAL CONTROL REVIEW OF ASSESSMENT PLAN RECEIVED 9 FEBRUARY  
2009 AND TEMPORARY MONITORING WELL APPROVAL FOR RESERVE TRAINING  
CENTER CNC CHARLESTON SC  
02/10/2009  
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



C. Earl Hunter, Commissioner

*Promoting and protecting the health of the public and the environment.*

February 10, 2009

Kathryn Stewart, P.E.  
BRAC PMO SE  
4130 Faber Place Drive, Suite 202  
N. Charleston, SC 29405

Re: Reserve Training Center  
**Site Identification # 13370**  
Assessment Plan received February 9, 2009  
Charleston County

Dear Ms. Stewart:

The South Carolina Department of Health and Environmental Control (SCDHEC) has reviewed and approved the referenced temporary monitoring well approval request submitted by Advent. The original temporary monitoring well approval has been sent to Advent and a copy is enclosed for your records. The analytical results from the groundwater samples should be submitted to my attention within thirty days (30) of receipt from the laboratory or on or before March 28, 2009. Please note the following:

- Well construction and sampling derived waste including but not limited to drill cuttings, drilling fluids, and development/purge water should be managed properly and in compliance with applicable requirements. If containerized, each vessel should be clearly labeled with regards to contents, source, and date of activity.
- Monitoring wells are to yield groundwater samples representative of the zone monitored per R.61-71 H.1.c of the South Carolina Well Standards and Regulations (e.g. low flow sampling techniques are recommended for samples to be analyzed for metals to reduce induced turbidity).

If you have any questions, please contact me at (803) 896-4179.

Sincerely,

Jan T. Cooke, Hydrogeologist  
AST Petroleum Restoration & Site Environmental Investigations Section  
Land Revitalization Division  
Bureau of Land and Waste Management

enc: Monitor well approval  
cc: Region 7  
James Weeg; Advent (via pdf)  
Meredith Amick, BL&WM (via pdf)

*Who?*  
*Zone K maines*



**ADVENT**  
Environmental Consulting, Inc.

February 6, 2009

South Carolina Department of Health and Environmental Control  
Bureau of Land and Waste Management, Land Revitalization Division  
AST Petroleum Restoration & Site Environmental Investigation Section  
2600 Bull St.  
Columbia, SC 29201

Attention: Ms. Janice Cooke

Subject: Authorization for Proposed Soil Borings/Temporary Monitoring Wells at the  
Chicora Tank Farm and the Reserve Training Center  
Charleston Naval Complex, North Charleston, SC  
Naval Facilities Engineering Command, Southeast  
Contract Number N62467-06-D-0125  
ADVENT Project 09-500

Dear Ms. Cooke:

This letter is to seek authorization for the installation of sixteen (16) soil borings/temporary monitoring wells at two sites at the Charleston Naval Complex (CNC) in support of activities for Naval Facilities Engineering Command (NAVFAC) Contract Task Order (CTO) 0048, dated January 13, 2009. The soil borings/temporary monitoring wells will be emplaced at the Chicora Tank Farm (CTF) (Figure 1) and the Reserve Training Center (RTC) (Figure 3) at the Charleston Naval Complex, North Charleston, SC.

#### **CHICORA TANK FARM**

NAVFAC has directed ADVENT to install twelve (12) soil borings/temporary wells in the vicinity of CTF MW34-R (Site ID 13350) in an attempt to further delineate the source of continued presence of naphthalene above the RBSLs. All temporary monitoring wells will be properly abandoned by a South Carolina certified driller upon completion of sample collection.

1. Proposed boring/temporary monitoring well locations are presented on Figure 2.
2. The temporary monitoring wells will be installed to a depth of 25 feet below ground surface. They will be constructed of 1 inch (ID) Schedule 40 PVC with a 10 foot screened interval.
3. The intended purpose of the wells is to delineate the source of continued contamination in the vicinity of CTF MW34-R.

4. The wells will be owned by: BRAC Program Management Office Southeast  
Attn: Kathy Stewart  
4130 Faber Place Drive, Suite 202  
North Charleston, SC 29405
5. The property owners name and address are:  
C. Anthony Rhodes  
PO Box 70902  
North Charleston, SC 29415
6. Site address and county:  
Chicora Tank Farm  
Tax ID: 4691500144  
0 Carner Ave.  
North Charleston, SC 29405  
Charleston County
7. The soil and water samples collected will be analyzed for benzene, toluene, ethyl-benzene, and Xylene (BTEX) and naphthalene via EPA Method 8260B.
8. Drilling is proposed to be carried out on Tuesday, February 17, 2009.

#### **RESERVE TRAINING CENTER**

NAVFAC has directed ADVENT to install four (4) soil borings/temporary wells to determine if groundwater was impacted from two former fuel oil underground storage tanks (USTs) at the RTC (Site ID 13370). All temporary monitoring wells will be properly abandoned by a South Carolina certified driller upon completion of sample collection.

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1. Proposed boring/temporary monitoring well locations are presented on Figure 4.
  2. The temporary monitoring wells will be installed to a depth of 25 feet below ground surface. They will be constructed of 1 inch (ID) Schedule 40 PVC with a 10 foot screened interval.
  3. The intended purpose of the wells is to determine if groundwater was impacted from two former fuel oil underground storage tanks (USTs) at the RTC.

4. The wells will be owned by: BRAC Program Management Office Southeast  
Attn: Kathy Stewart  
4130 Faber Place Drive, Suite 202  
North Charleston, SC 29405
5. The property is currently owned by the United States Navy
6. Site address and county: Reserve Training Center, Bldg 205 Chicora Tank Farm  
South Hobson Avenue  
North Charleston, SC 29405  
Charleston County
7. The soil and water samples collected will be analyzed for BTEX and naphthalene via EPA Method, 8260B, and for polycyclic aromatic hydrocarbons (PAHs) via EPA Method 8270C.
8. Drilling is proposed to be carried out on Tuesday, February 17, 2009.

Should you have any questions or require additional information, please contact the undersigned.

Sincerely,

ADVENT Environmental, Inc.

A handwritten signature in black ink, appearing to read 'James W. Weeg', with a stylized flourish at the end.

James W. Weeg, P.G.  
Project Geologist

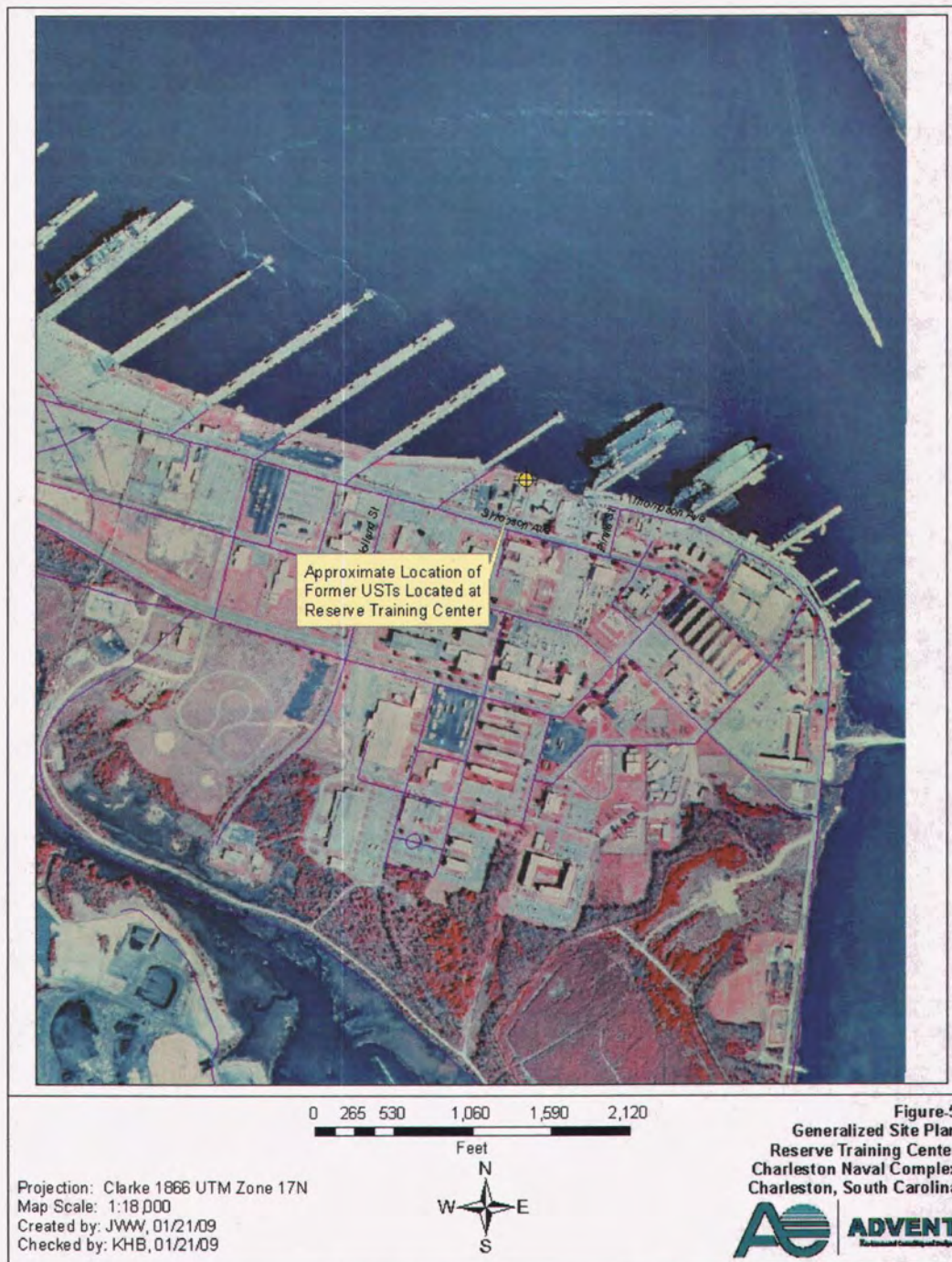


Figure 3: Reserve Training Center Site Location Map

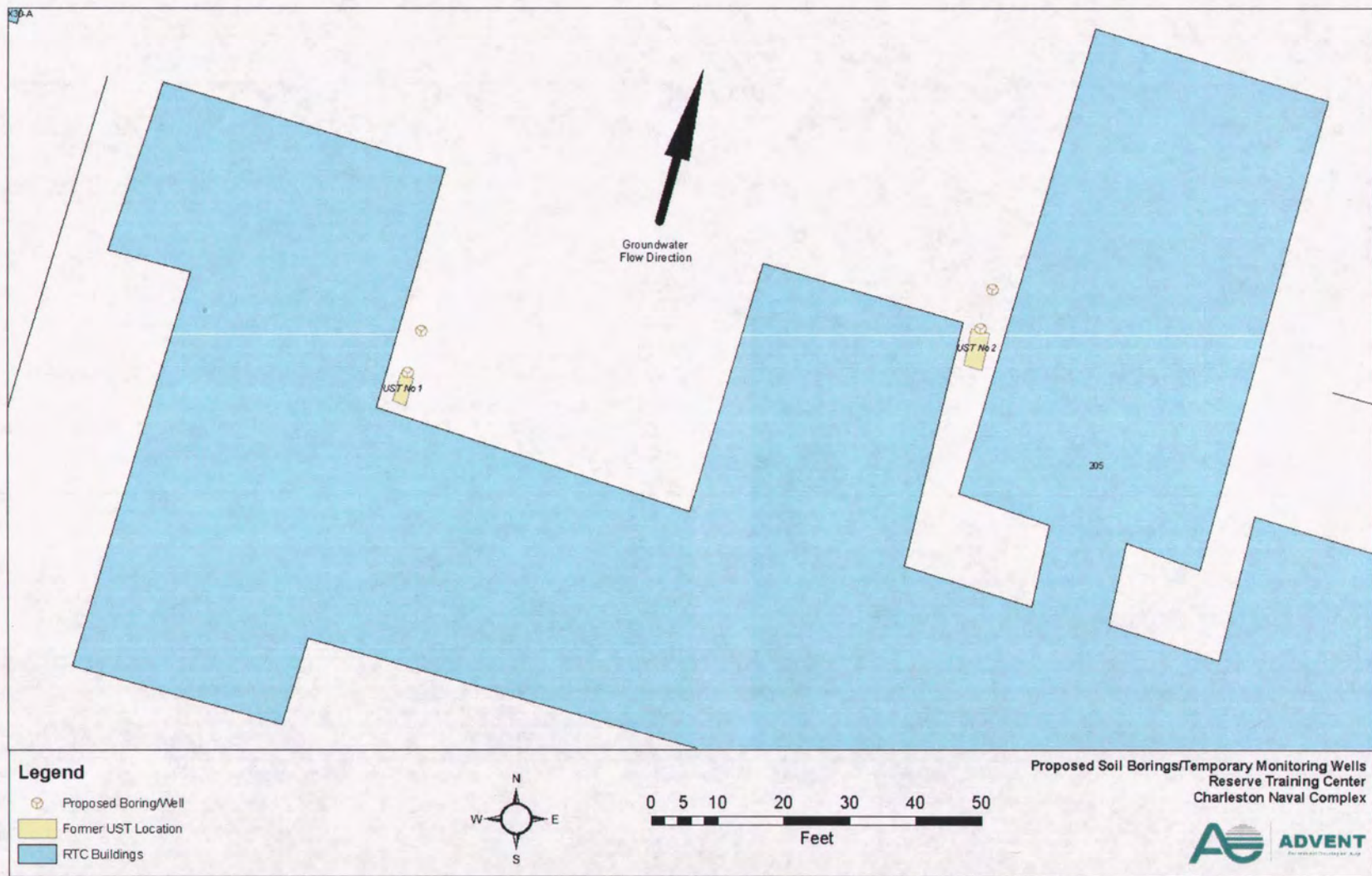


Figure 4: Proposed Soil Boring/Monitoring Well Locations at the RTC